概率论系列报告 Probability Seminar

报告题目(Title): **The Brownian web and related models**

报告人(Speaker): 俞锦炯 Jinjiong Yu (ECNU) (BICMR)

时间(Time): **2021/03/29 14:00-15:00**

地点(Venue): 理科一号楼 1114 Science Building No.1

摘要(Abstract):

The Brownian web is a collection of one-dimensional coalescing Brownian motions starting from every point in the space-time plane. We will discuss the weak convergence of coalescing random walks to the Brownian web, which is closely related to a result for unbiased voter model interfaces. Generalizing the Brownian web to the Brownian net, we will discuss the branching-coalescing random walks and the related biased voter models. If time allows, we will also discuss the Brownian castle, which is constructed recently by Cannizzaro and Hairer using the Brownian web.

欢迎参加

Everyone is welcome.